

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**

Figure 1

AAAAAGGATA ACTTTAACCG AAGGAAGGGT TTGGTTCCAT TCAACTCCAC ATTCATTGTG
CCTTTACTTG CATTAGATTT CTGTGCTTTC TTCCTTTCCC TCTTTGAAGC AATTAAAATC
TTCCTTGATA ACTGCTGTTT CTTTCTACTC TTGTTTCTGG CAATTTAGTG GGTCCTTCT
CTAGTGGTCT TAAATCTCAT TCCACTGGTG GCAAGATGGG GCCTAGCCTT CTTTTCACAT
GTCTAATCTT TTCCTTTCTC ATGGTGCCCT CCATGGAAGT CACAGTCAAC ACTGAATAAA
TGACTAGAAT GACACGTGTG CGTGCGCACG CGTGTGCGTG TGTGTGTTCA TCTGTCTGCA
TGTCCATCAA TTTCTTTTAG AAAATAATTT ATTGTATGAT TTATTTTGGA GTTATATTCT
GATTACAGTG CTCCCTCTCC CAAATAGCAT TGATTTTTTC CCCCCTCTAA AATGTATAAT
CTGGTCTCAG GTTGGATTCT TTGGTACATT TCTCTCTTCT GGATGCCATG CAGCTTAATT
AAAACCTTGC TTAAAAACAA AAAGTGAAAA TTGTGTACTC TTGTCTGGAA TACCGCCTCA

Figure 2

HumanG1h TGACTAGAAT GACACGTGTG CGTGCGCACG CGTGTGCGTG TGTGTGTTCA
TCTGTCTGCA

MouseG1 AACACTGAGT AAGAGACCAG AGTGATTGTG TGCATGTGCG CGTGTGTGTG
TCCATCTGCA

HumanG1h TGTCCATCAA TTTCTTTTAG AAAA-TAATTT ATTGTATGAT TTATTTTGGA
GTTATATTCT

MouseG1 TGTGCGTCAG TTTCTTT--G AAAAATAATTT ATTGTGTGAT TTCCTGTGGA
GTTTTTGTTT

HumanG1h GATTACAGTG CTCCCTCTCC CAAATAGCAT TGATTTTTTC CCCCCTCTAA
AATGTATAAT

MouseG1 AGGTTACAGT GCTGCTCCAC A--ATAGCAC GGATCCCTGT CCCCCTACCC
CCGGCATAAA

HumanG1h CTGGTCTCAG GTTGGATTCT TTGGTACATT TCTCTCTTCT GGATGCCATG
CAGCTTAATT

MouseG1 ATGTATTATC TGGTCTCAGG TTGGATTCCT TGGTACAGTT TCTTTCTGTG
CAGTTTATTA

Figure 3A

Human P1h Sequence: MTRIDTCAC ARVCVCVFI CLHVDQFLL ENNLLYDLFW

Mouse P1 Sequence: M- - - - CA - - - - CVC - - - C - - V - - - - L - NNLL- D - - W

Human P1h Sequence: SYILITVLPL PNSIDFFPP LKCIWSQVG FFGTFLSSGC HAA

Mouse P1 Sequence: S - - - TVL- L - NS-D- - PP

Figure 3B

Human P1h Sequence: MTRIDTCAC ARVCVCVFI CLHVDQFLL ENNLLYDLFW

Mouse P1 Sequence: M- - - - CA - - - - CVC - - - C - - V - - - - L - NNLL- D - - W

Human P1h Sequence: SYILITVLPL PNSIDFFPP LKCIWSQVG FFGTFLSSGC HAA

Mouse P1 Sequence: S - - - TVL- L - NS-D- - PP - KCIWSQVG F- GT-----

Figure 4

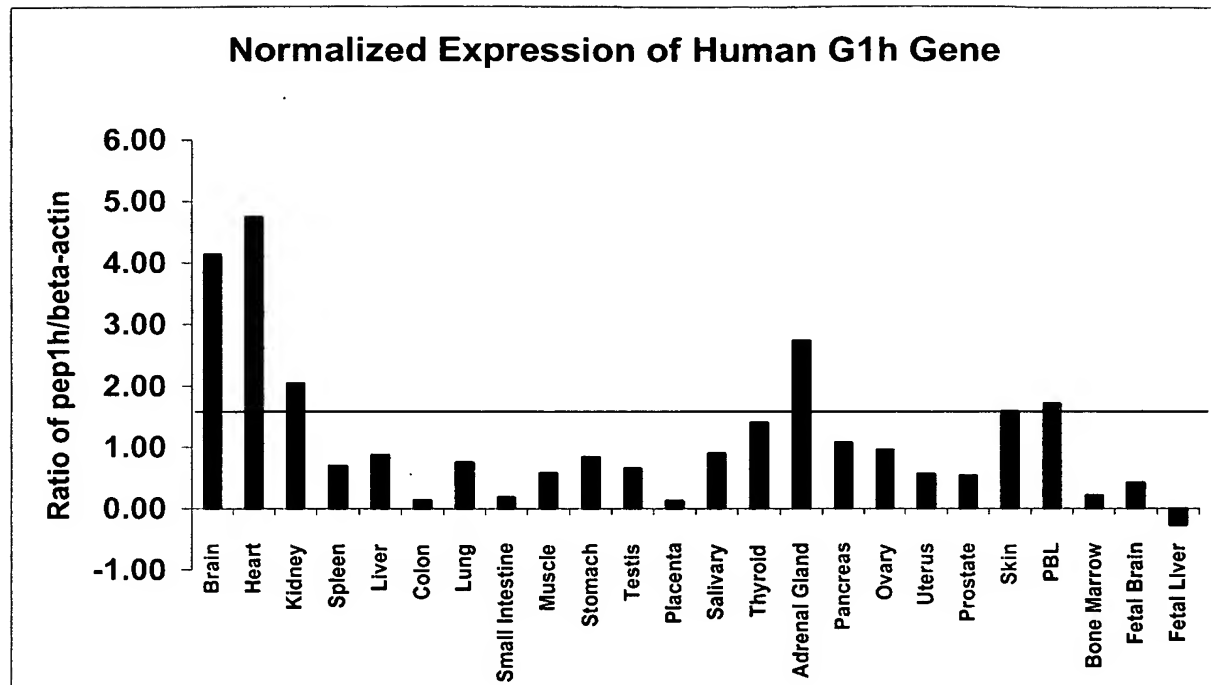


Figure 5

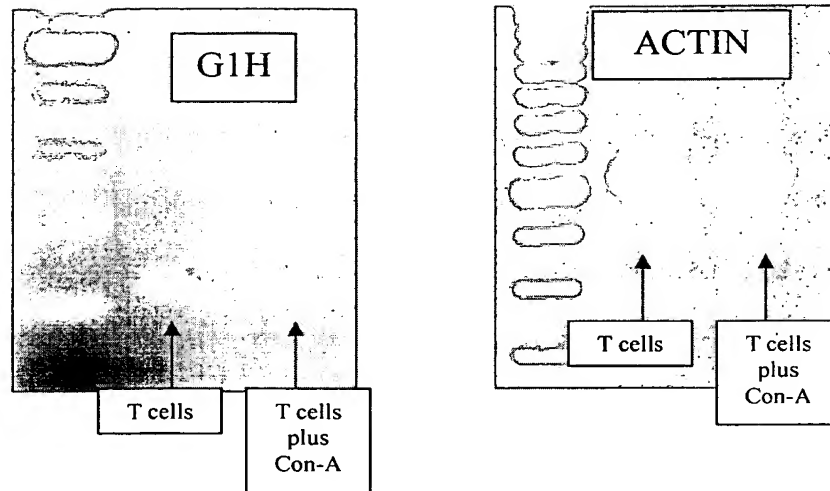


Figure 6A

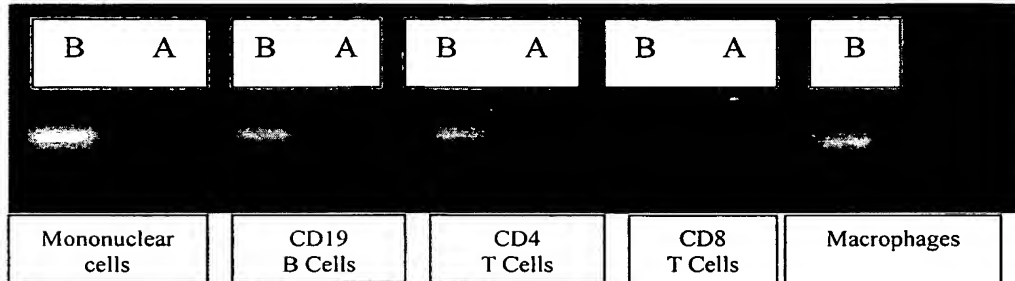


Figure 6B

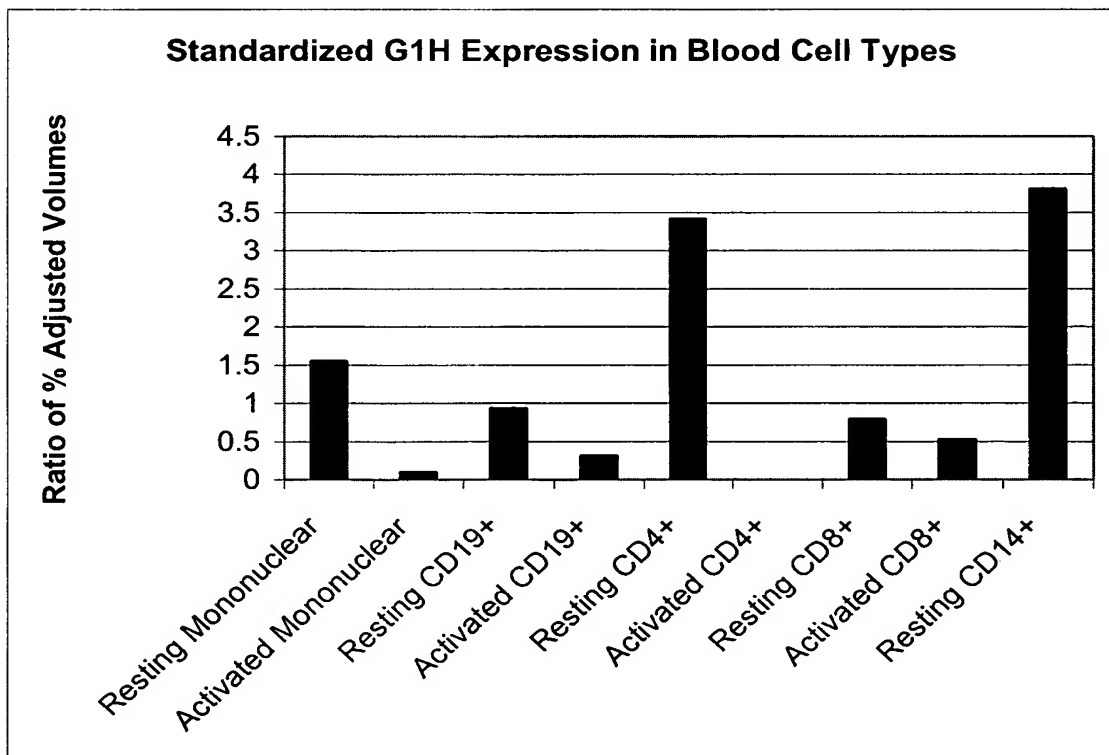


Figure 7

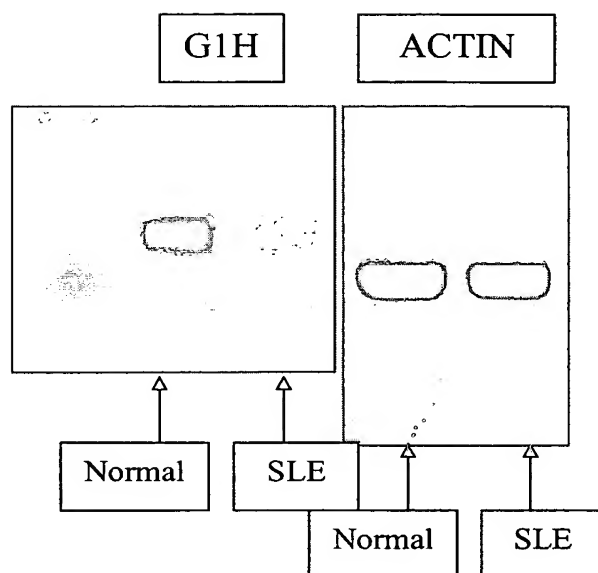


Figure 8A

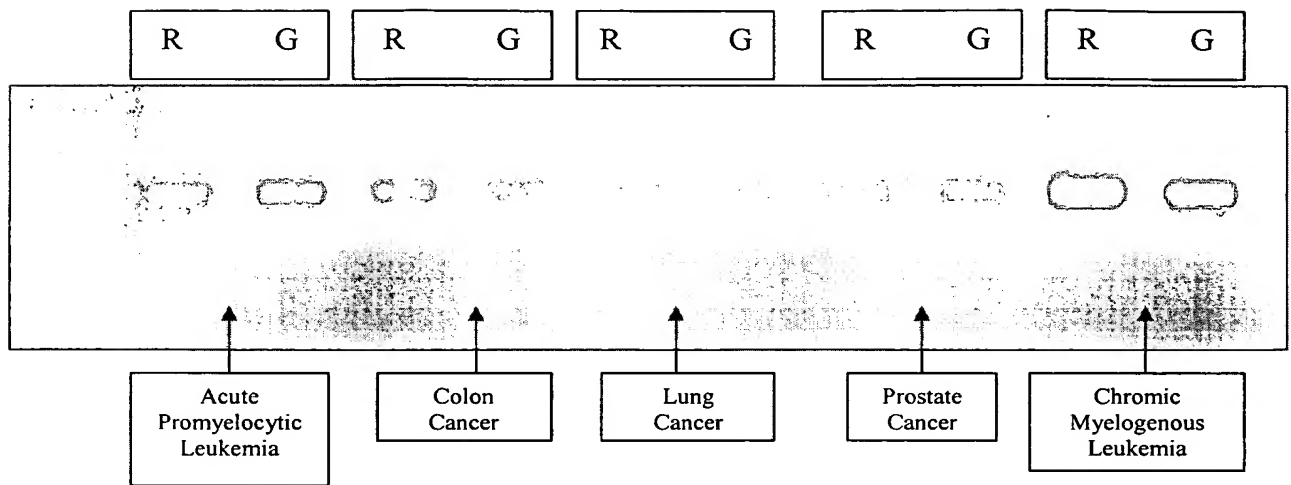


Figure 8B

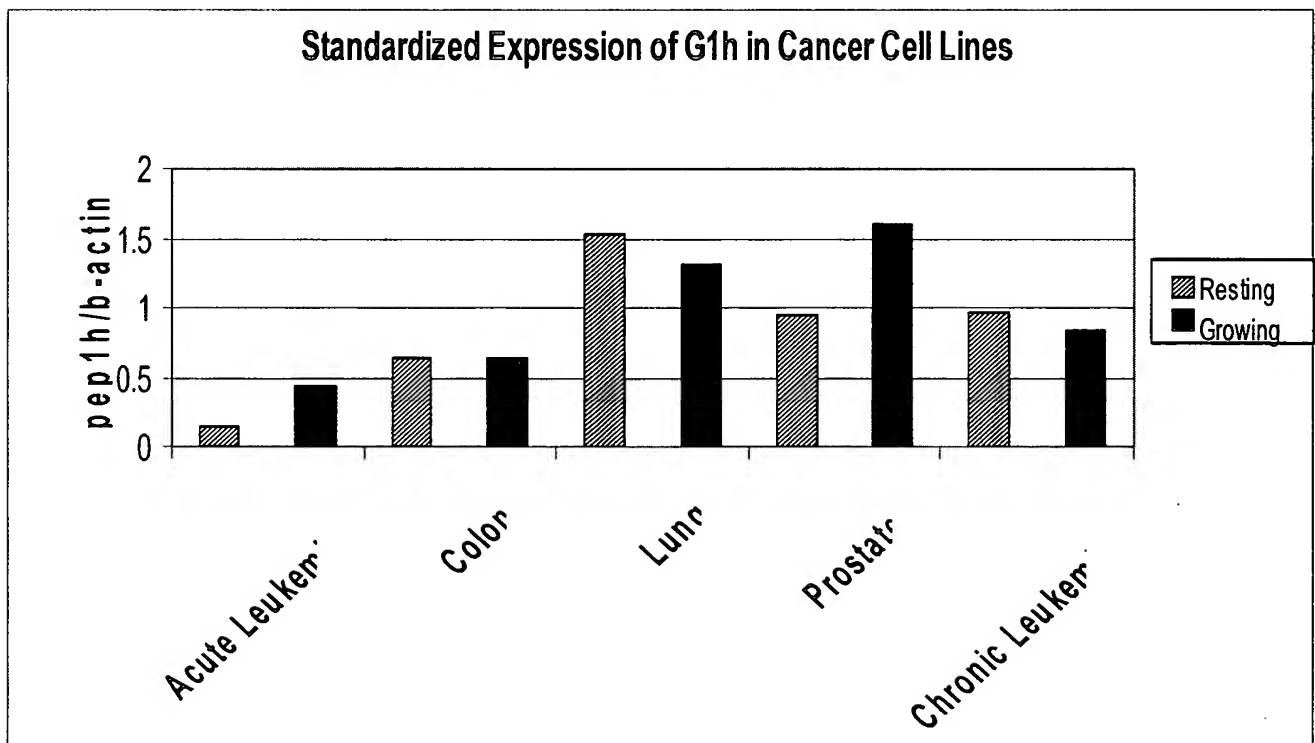


Figure 9

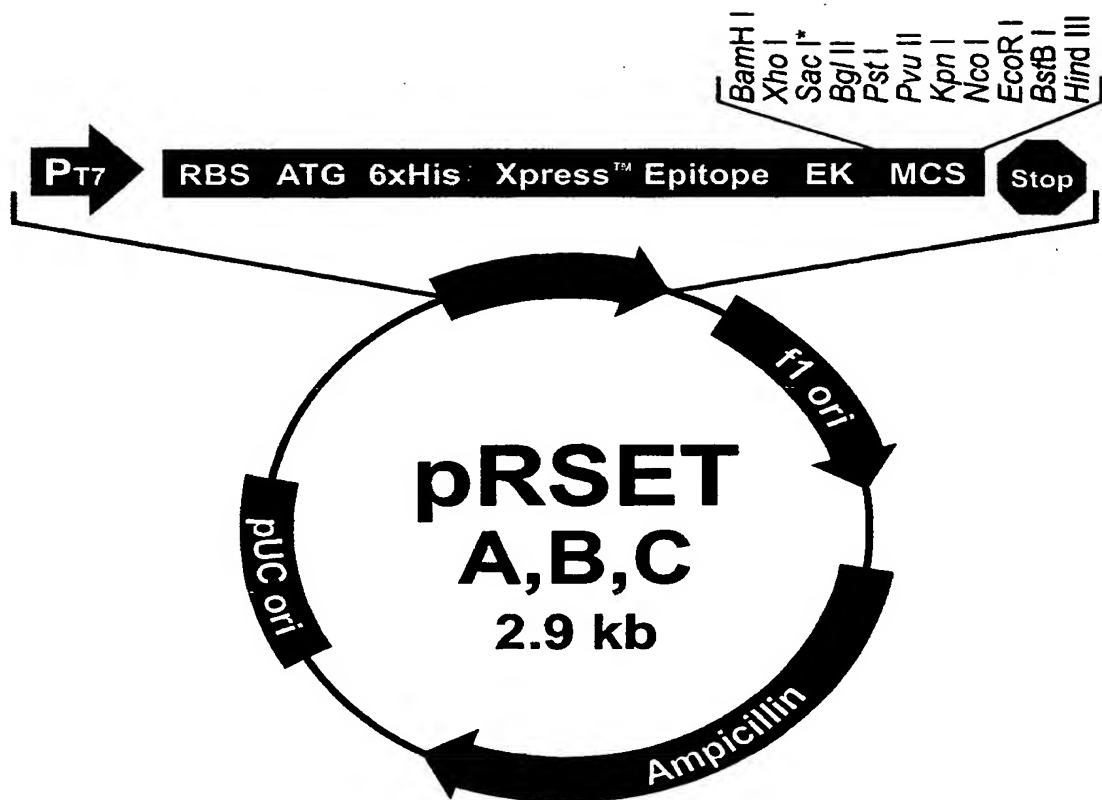


Figure 10

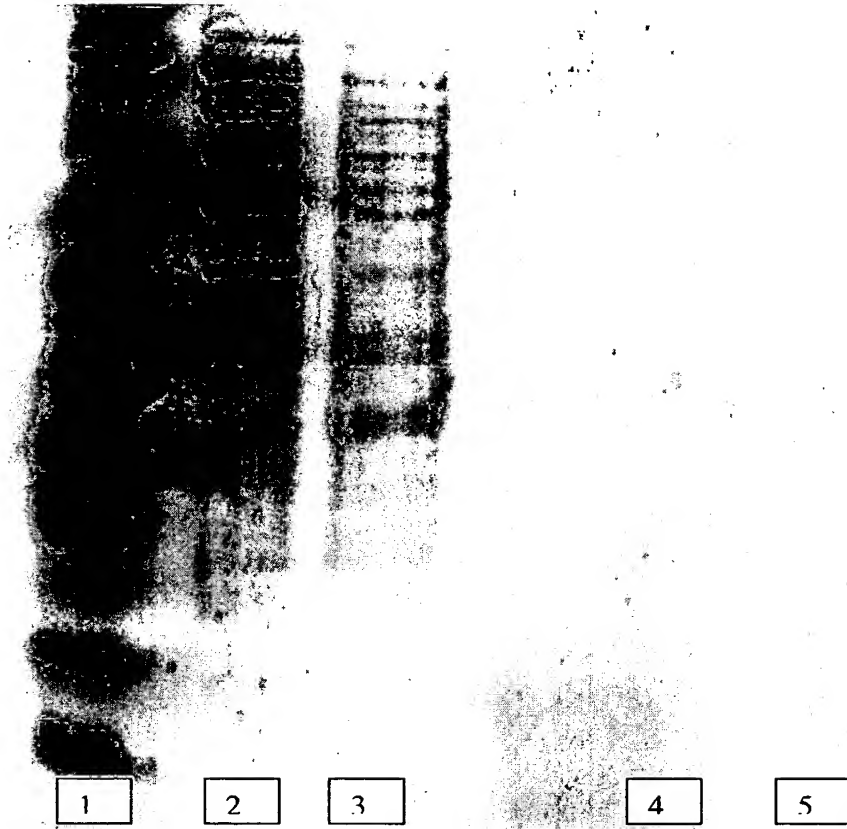


Figure 11

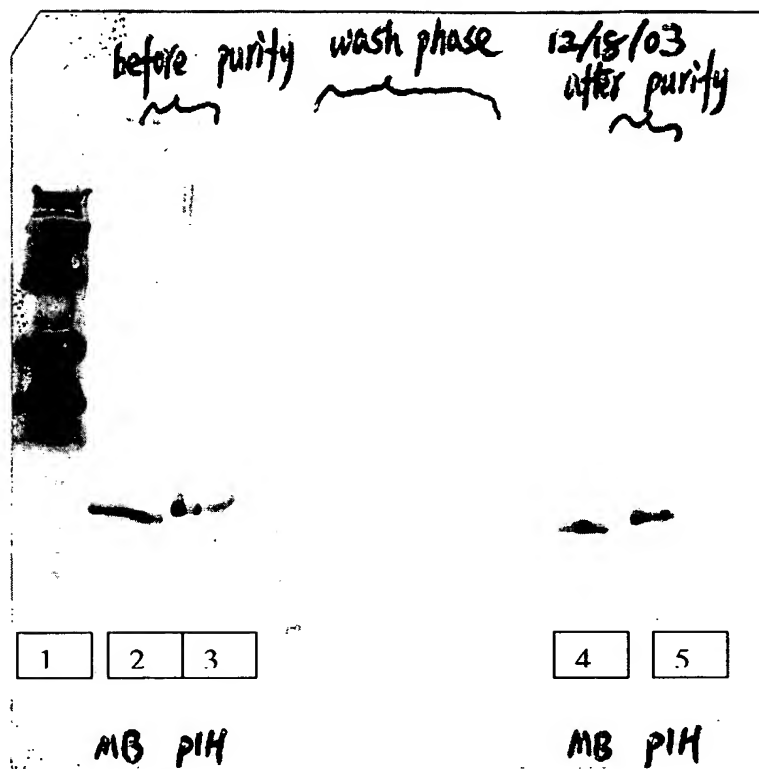


Figure 12

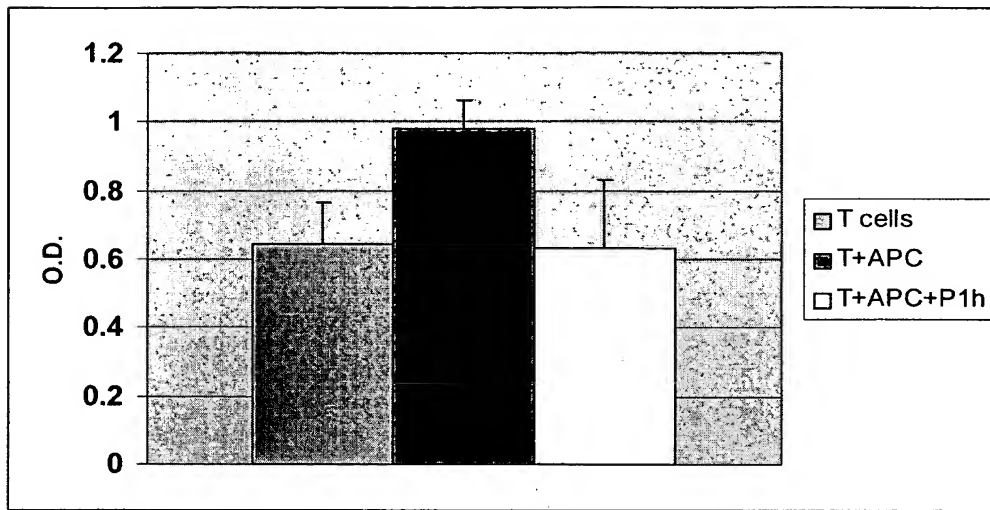


Figure 13

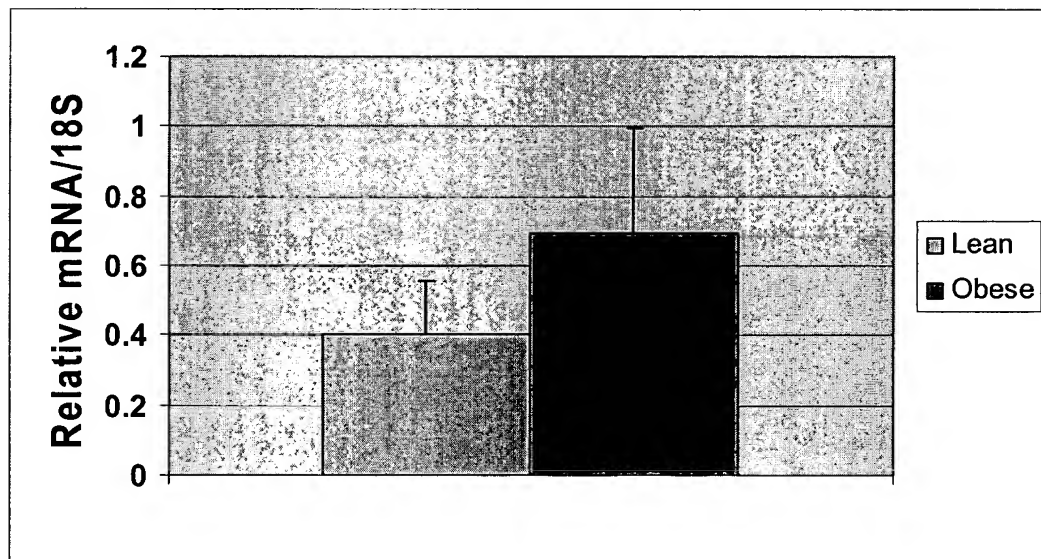


Figure 14

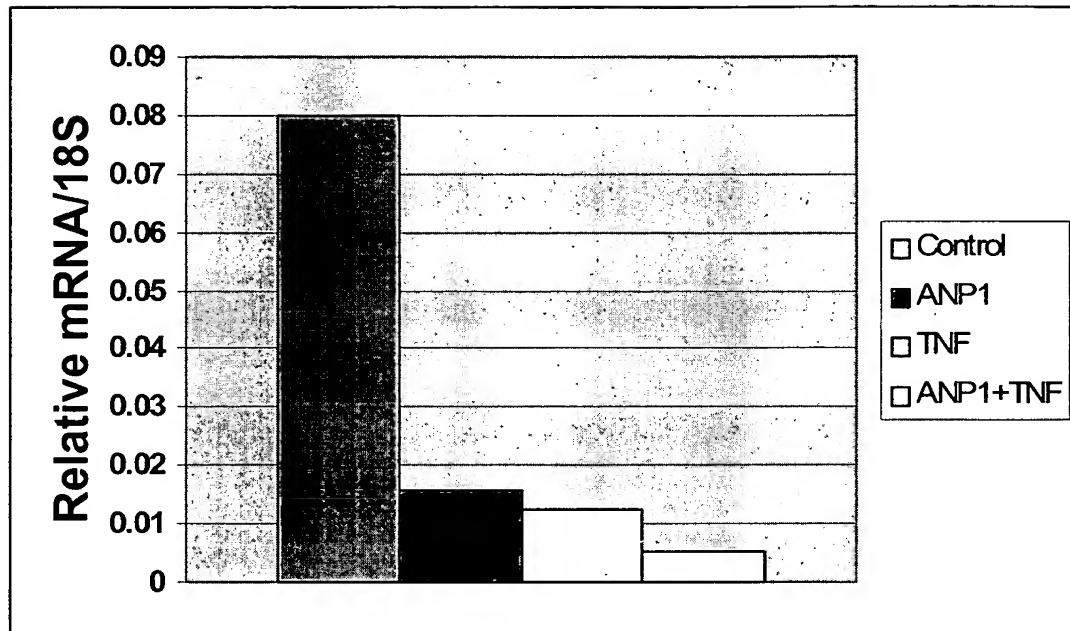


Figure 15

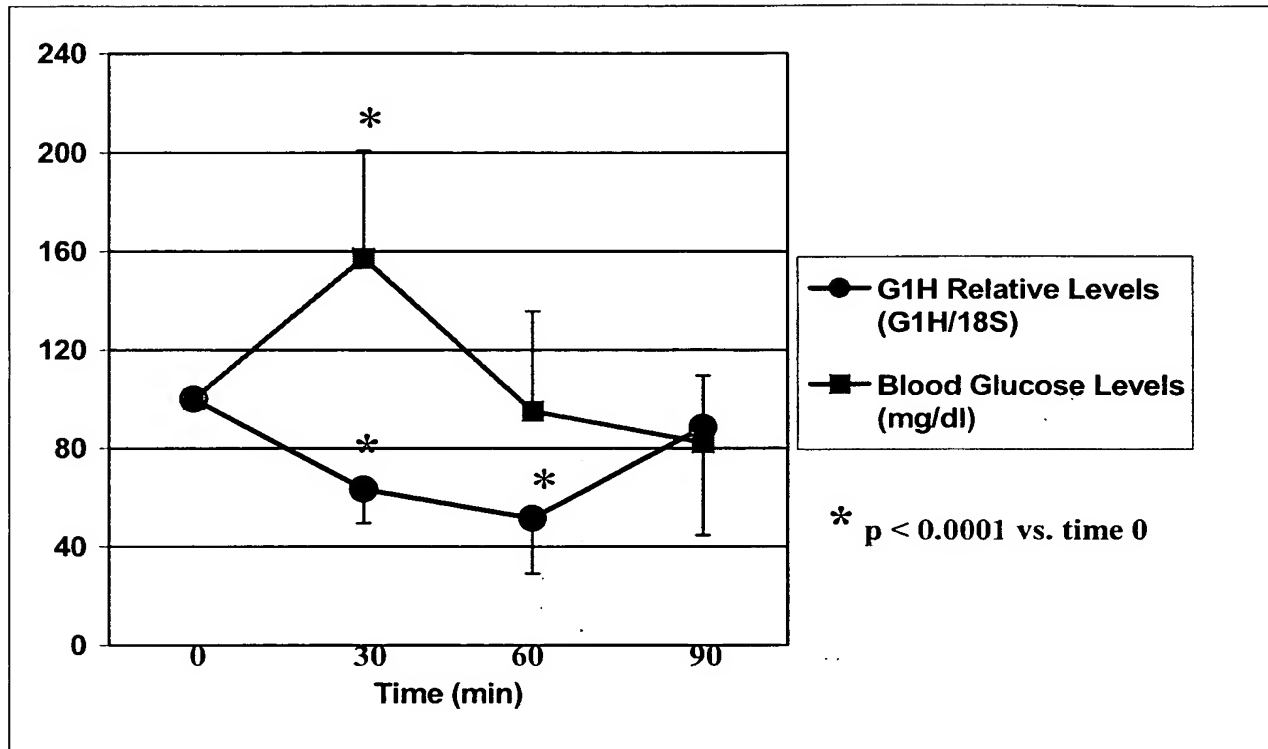


Figure 16

